

Work Order ID 60813

Friday, July 23, 2010 9:09:17 AM



Page 1

Item ID: D206-558-041

Accept



Setup Start



Stop



Revision ID:

Item Name: Single Cargo Mirror Assembly 2

Start Date: 7/23/2010 Start Qty: 3/00

Required Date: 8/6/2010 Req'd Qty: 3/00



Cust Item ID:

Customer:

Reference:

Run Start



Stop



Approvals: Process Plan: MF Date: 10-7-23 Tooling:

Date:

QC: Date: SPC (Y/N):

Date:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr Revision Nbr

IIN D206-558 Rev C

0.00

100



DOCUMENT CONTROL

0.00

DC

Document Control

Memo

Photocopy bluefile and type labels as per PPP D206-558-041 CHG008

810108104

0.00

110



Small Fab

0.00

Small Fab

Small Fab

Memo

Assemble as per Dwg D206-558

810108103 (2)

0.00

120



QC5- Inspect part completeness to step on W/O

0.00

QC

Quality Control

Memo

810108103

(42)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 60813

Friday, July 23, 2010 9:09:17 AM



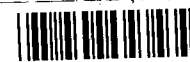
Page 2

Item ID: D206-558-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Single Cargo Mirror Assembly

Start Date: 7/23/2010 Start Qty: 3.00



Cust Item ID:

Required Date: 8/6/2010 Req'd Qty: 3.00

Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
125 	Pick Kit	0.00							
Packaging	Memo	0.00							
Packaging									
130 	QC4- 100% Inspect kits for completeness	0.00							
QC	Memo	0.00							
Quality Control									
140 	Packaging	0.00							
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D206-558-041								
	Location: _____								
	PPP Rev: _____								

8/10/04

②

8/10/04 ②

W/O:		WORK ORDER CHANGES					
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 60813

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Item ID: D206-558-041

Accept

Setup Start

Revision ID:

Stop

Item Name: Single Cargo Mirror Assembly

Start Date: 7/23/2010 Start Qty: 3.00

Cust Item ID:

Required Date: 8/6/2010 Req'd Qty: 3.00

Customer:

Reference:

Run Start

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool # Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

150

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/08/04

MF
10-8-04

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 60813



Parent Item: D206-558-041



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 7/23/2010

Required Date: 8/6/2010

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP F02.09.19 Re-format; Incorporated D2065 KJ
 IPP Rev:G 08-05-14 now @ chg006/ add D3778-1 per ECN1171 DD
 verified:ec
 IPP Rev:H 08-08-19 now @ chg 007 DD verified by:ec IPP Rev:I
 10.03.17 add pick kit DD verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN960JD10 	NAS1149D0363J	Purchased	No			110	Each	0.0000	4	12			
Washer D2011-101 		Manufactured	No			110	Each	19.0000	1	3			
6" Mirror													
<div>Location</div> <div>ST231</div> <div>16151</div> <div>58398</div> <div>Loc Qty</div> <div>19</div> <div>1</div> <div>18</div> <div>Loc Code</div>													
D2052 		Manufactured	No			110	Each	39.0000	2	6			
Mounting Bracket													
<div>Location</div> <div>ST005</div> <div>56290</div> <div>59809</div> <div>Loc Qty</div> <div>39</div> <div>12</div> <div>27</div> <div>Loc Code</div>													
D2053 		Manufactured	No			125	Each	34.0000	1	2			
Mounting Bracket													
<div>Location</div> <div>ST005</div> <div>47595</div> <div>58395</div> <div>Loc Qty</div> <div>34</div> <div>2</div> <div>32</div> <div>Loc Code</div>													

Ep50/08/03

Ep50/08/03

Ep50/08/03

4

2 -

58395

S+2

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Picklist Print

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Work Order ID: 60813

Parent Item: D206-558-041

Parent Item Name: Single Cargo Mirror Assembly

D2054 Manufactured No



Bushing

110

Each

42.0000



2 6
EBS 10/08/03

Location

Loc Qty

Loc Code

ST005

42

56291

1

58392

41

110

Each

46.0000



1 4
EBS 10/08/03

D2055 Manufactured No



Clamp

Location

Loc Qty

Loc Code

ST005

46

55726

3

58393

43

110

Each

17.0000



1 2
EBS 10/08/03

D2056 Manufactured No



Bell Crank

Location

Loc Qty

Loc Code

ST006

17

45542

13

58514

4

110

Each

13.0000



1 2
EBS 10/08/03

D2057 Manufactured No



Plug

Location

Loc Qty

Loc Code

ST006

13

59215

13

Shop Packet Print

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W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 60813

Parent Item: D206-558-041

Parent Item Name: Single Cargo Mirror Assembly

AN526-1032R9

Purchased No

125 Each

102.0000

Start Date: 7/23/2010

Required Date: 8/6/2010

Start Qty: 3.00

Required Qty: 3.00

Screw

Location

Loc Qty

Loc Code

ST328

102

113928

1

114382

101

125 Each

3,021.000

AN960JD10L

NAS1149D0332J

Purchased No

Washer

Location

Loc Qty

Loc Code

ST348

3021

110985

3021

125 Each

8.0000

D2067

Manufactured No

Connector

Location

Loc Qty

Loc Code

ST006

8

54698

8

125 Each

7.0000

D2071

Manufactured No

Cable Assembly

Location

Loc Qty

Loc Code

ST222

7

57578

1

58201

6

Friday, July 23, 2010 9:09:16 AM

Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 60813



Parent Item: D206-558-041



Parent Item Name: Single Cargo Mirror Assembly

Start Date: 7/23/2010

Required Date: 8/6/2010

Start Qty: ~~200~~ 2

Required Qty: 3.00

D3778-1 Manufactured No 125 Each



Bracket

20.0000



122

[Signature]

Location

Loc Qty

Loc Code

ST227 20

56316 20

2,582.000



56316
142

[Signature]

MS21042L3

Purchased No



Nut

125 Each

Loc Code

Location

Loc Qty

ST300 2582

114523 121

114718 461

114784 2000

46.0000



114718

142

[Signature]

MS21919-DG5

Purchased No



Lamp

125 Each

Loc Code

Location

Loc Qty

ST307 40

114988 40

ST319 6

114761 6

89.0000



114988

2

[Signature] (2)

MS35489-9

Purchased No



Grommet

125 Each

Loc Code

Location

Loc Qty

ST296 89

107376 9

109371 80

1107376

Friday, July 23, 2010 9:09:16 AM

Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

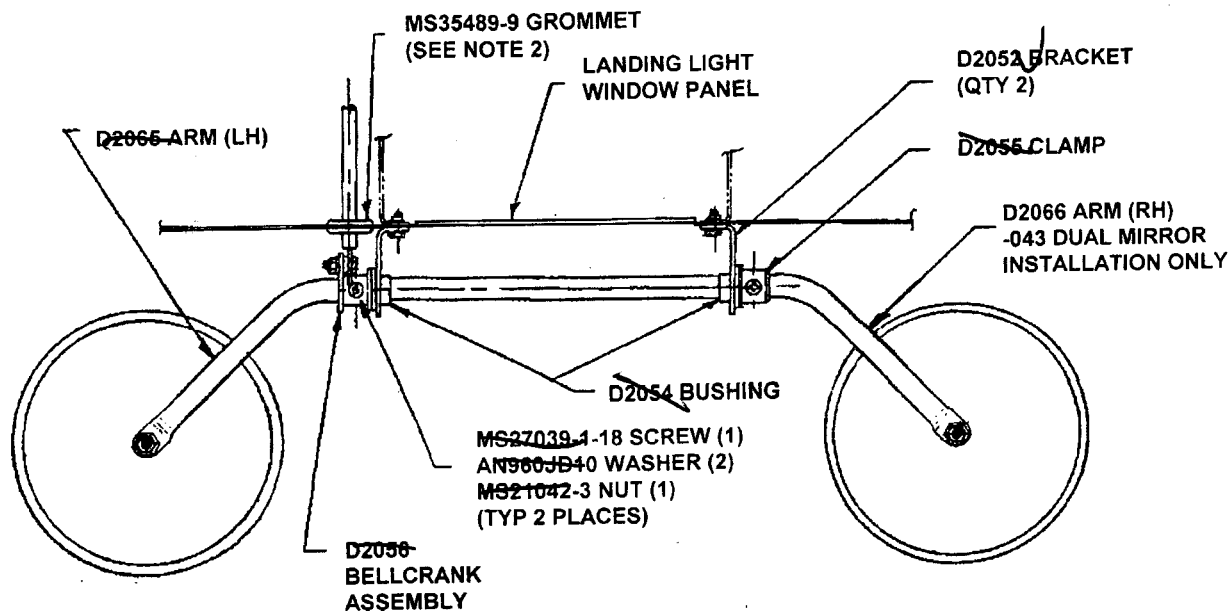


Figure 25.2 – View A: Looking Aft.
(D206-558-043 Mirror Shown)

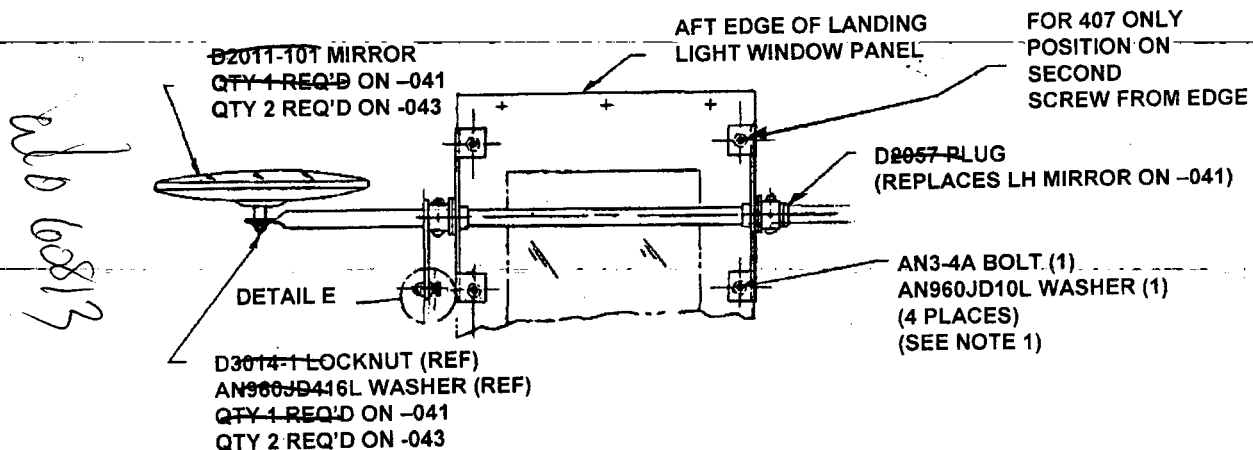


Figure 25.3 – View C: Looking Down on Mirror Installation
(D206-558-041 Mirror Shown)

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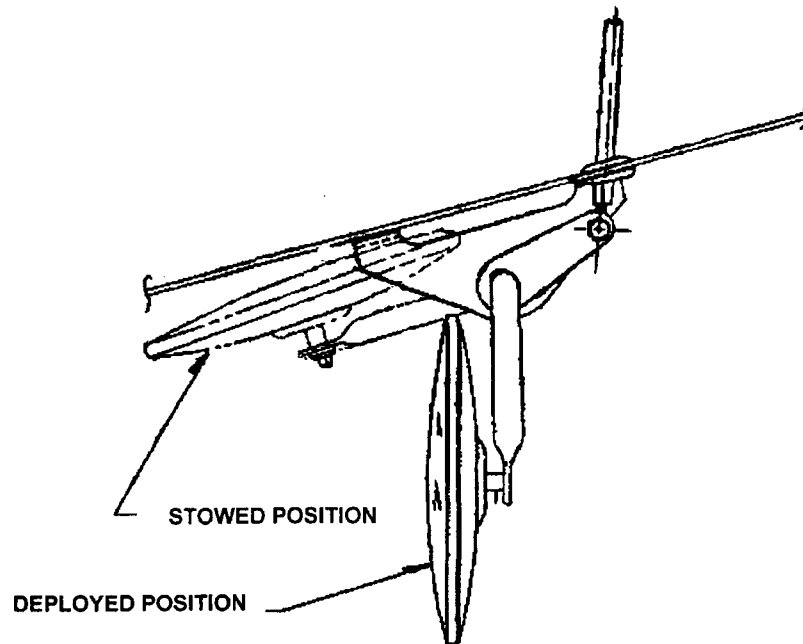


Figure 25.4 – Detail D: Looking from Side on Mirror Installation
(D206-558-041/-043 Mirror Shown)

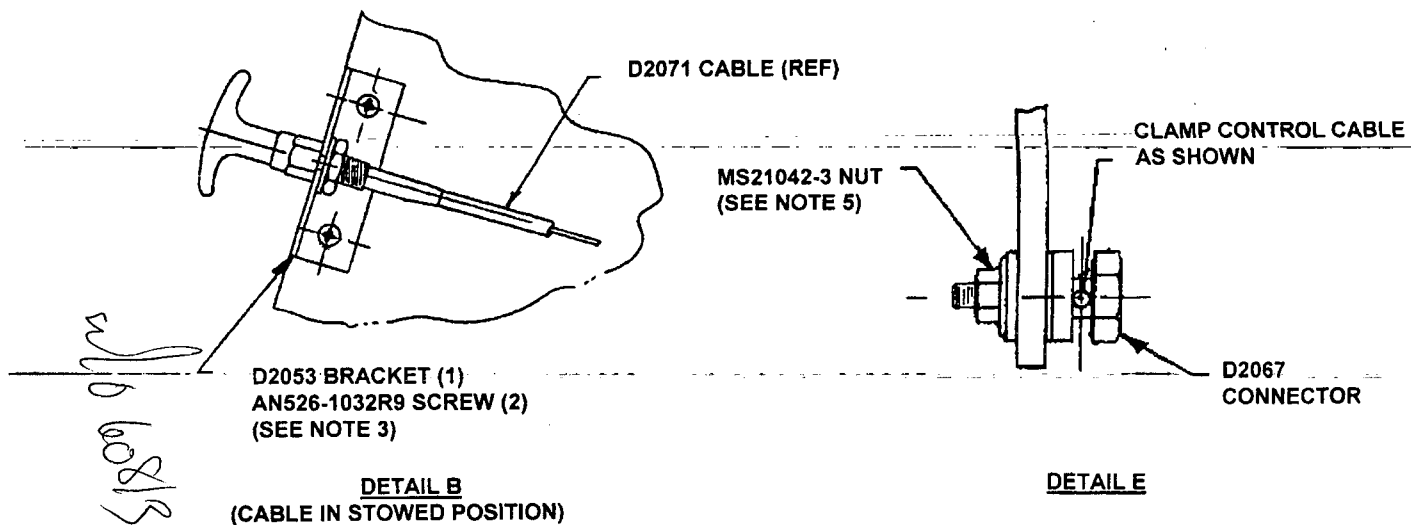


Figure 25.5 – Details B and E on Mirror Installation
(D206-558-041/-043 Mirror Shown)

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REFERENCE ONLY

FROM THIS POINT FORWARD, CUSTOMERS SHOULD ORDER D407-558-045/-047 IN LIEU OF D206-558-041/-043 WHEN PROCURING SINGLE/DUAL MIRRORS FOR BHT 407 MODELS. AMEND SECTIONS 4.0 AND 5.0 OF INSTALLATION INSTRUCTIONS D206-558 REV. C OR EARLIER AND 25.3 AND 25.4 OF ICA-D206-558 REV. 0 AS FOLLOWS:

4.0 WEIGHT AND BALANCE (D206-558 REV. C OR EARLIER)

25.3 WEIGHT AND BALANCE (ICA-D206-558 REV. 0)

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D206-558-041	2.4 lb	+5.0 in	+12.0 in-lb	+14.8 in	+35.5 in-lb
Bell 206A/B/L/L1/L3/L4	1.09 Kg	+0.13 m	+0.14 m-Kg	+0.38 m	+0.41 m-Kg
D206-558-043	3.0 lb	0.0 in	0.0 in-lb	+14.8 in	+44.4 in-lb
Bell 206A/B/L/L1/L3/L4	1.36 Kg	0.0 m	0.0 m-Kg	+0.38 m	+0.52 m-Kg
D407-558-045	2.4 lb	+5.0 in	+12.0 in-lb	+14.8 in	+35.5 in-lb
Bell 407	1.09 Kg	+0.13 m	+0.14 m-Kg	+0.38 m	+0.41 m-Kg
D407-558-047	3.0 lb	0.0 in	0.0 in-lb	+14.8 in	+44.4 in-lb
Bell 407	1.36 Kg	0.0 m	0.0 m-Kg	+0.38 m	+0.52 m-Kg

5.0 PARTS LIST (D206-558 REV. C OR EARLIER)

25.4 PARTS LIST (ICA-D206-558 REV. 0)

Qty -041	Qty -043	Qty -045	Qty -047	Part Number	Description
X				D206-558-041	SINGLE CARGO MIRROR ASSEMBLY
	X			D206-558-043	DUAL CARGO MIRROR ASSEMBLY
		X		D407-558-045	SINGLE CARGO MIRROR ASSEMBLY
			X	D407-558-047	DUAL CARGO MIRROR ASSEMBLY
1	2	1	2	D2011-101	MIRROR ASSEMBLY
2	2	2	2	D2052	BRACKET
1	1	1	1	D2053	BRACKET
1	2	2	2	D2054	BUSHING
1	1	1	1	D2055	CLAMP
1	1	1	1	D2056	BELLCRANK ASSEMBLY
1	1	1	1	D2057	PLUG
1	1	1	1	D2065	ARM
1	1	1	1	D2066	ARM
1	1	1	1	D2067	CONNECTOR
1	1	1	1	D2071	CABLE ASSEMBLY
		1	1	D2071-3	CABLE ASSEMBLY
1	2	1	2	D3041	* LOCKNUT
1	1	1	1	D3778-1	BRACKET
4	4	4	4	AN3-4A	BOLT
4	4	4	4	AN526-1032R9	SCREW
1	2	1	2	AN960JD416L	* WASHER
1	4	4	4	AN960JD10	WASHER
6	6	6	6	AN960JD10L	WASHER
3	3	3	3	MS21042-3	* NUT (or MS21042L3)
2	2	2	2	MS21919DG5	CLAMP
2	2	2	2	MS27039-1-18	SCREW
1	1	1	1	MS35489-9	GROMMET
		1	1	MS35489-67	GROMMET

* INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-Q-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 08.12.04
CERT. NO.: SH92-17
ISSUE NO.: 7

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9436	SHEET 2 OF 2
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